



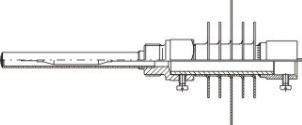
Surface-Mounted Single or Double Thermostat, ATH-SW Series (603035)

- Liquid expansion
- Microswitch
- One or two separate measuring and switching systems
- Protection type: IP65



Order details

(1) Basic type	
603035	Surface-mounting thermostat, ATH.-SW
(2) Basic type extension	
0002	ATH.-SW-2 temperature monitor TW
0020	ATH.-SW-20 safety temperature monitor STW (STB)
0070	ATH.-SW-70 safety temperature limiter STB
0202	ATH.-SW-22 temperature monitor / temperature monitor (TW/TW)
0220	ATH.-SW-220 temperature monitor / safety temperature monitor (TW/STW(STB))
0270	ATH.-SW-270 temperature monitor / safety temperature limiter (TW/STB)
2020	ATH.-SW-2020 safety temperature monitor / safety temperature monitor (STW(STB)/STW(STB))
2070	ATH.-SW-2070 safety temperature monitor / safety temperature limiter (STW(STB)/STB)
7070	ATH.-SW-7070 safety temperature limiter / safety temperature limiter (STB/STB)
(3) Design type	
1	With rigid thermowell
2	With capillary
(4) Control range 1	
014	-20...+50 °C
016	-10...+40 °C
021	0 to 50 °C
022	0...70 °C
025	0 to 100 °C
041	20 to 90 °C
042	20...120 °C
043	20...150 °C
045	20...400 °C
046	20...500 °C
052	30 to 110 °C
062	50...200 °C
063	50...250 °C
064	50...300 °C
066	60...130 °C
(5) Limit value range (STB)	
000	Fixed limit value
014	-20...+50 °C
016	-10...+40 °C
021	0...50 °C
022	0...70 °C
025	0...100 °C
041	20...90 °C
042	20...120 °C
043	20...150 °C
045	20...400 °C
046	20...500 °C
052	30...110 °C
062	50...200 °C
063	50...250 °C
064	50...300 °C

066	60...130 °C	
(6) Switching differential		
00	Without switching differential	
15	1,5 %	
20	2 %	
30	3 %	
50	5 %	
60	6 %	
70	7 %	
90	9 %	
(7) Switching differential 2		
00	Without	
15	1,5%	
20	2%	
30	3%	
50	0,05	
60	6%	
70	7%	
90	9%	
(8) Capillary length		
0	Without capillary	
1000	1000 mm	
2000	2000 mm	
3000	3000 mm	
4000	4000 mm	
5000	5000 mm	
(9) Capillary length 2		
0	Without	
1000	1000 mm	
2000	2000 mm	
3000	3000 mm	
4000	4000 mm	
5000	5000 mm	
(10) Material of capillary		
00	Without capillary	
20	CrNi (stainless steel)	
40	Cu (copper)	
(11) Material of capillary 2		
00	Without capillary	
20	CrNi (stainless steel)	
40	Cu (copper)	
(12) Process connection		
10	Plain cylindrical probe	
20	Screw-in thermowell	
30	Screw-in pocket with cooling fins	
(13) Thread		
00	Without thread	
13	G 1/2	
(14) Process connection material		
00	Without process connection	
20	CrNi (stainless steel)	
46	CuZn (brass)	
(15) Fitting length		
000	ATHf without pocket	
100	100 mm	

120	120 mm
150	150 mm
200	200 mm
300	300 mm
(16) Immersion tube diameter	
00	Without thermowell
15	For twin thermostats
8	For single thermostats
(17) Probe diameter	
6	6 mm
(18) Extra codes	
000	Without extra code
702	Snap action contact with gold-plating

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18)
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Accessories see price sheet:

- Process Connections for Thermostats (606710)